

Rabbit anti-Human AS3MT Polyclonal Antibody | anti-AS3MT antibody

AS3MT Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA234522	Rabbit	Human	Immunofluorescence, Immunohistochemistry, ELISA

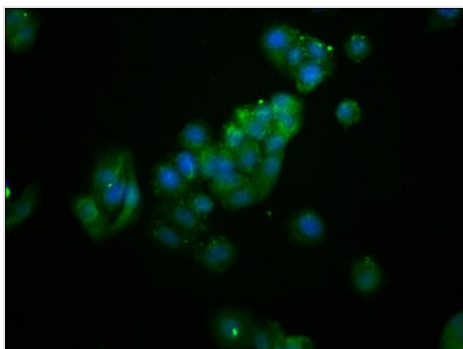
PRODUCT SYNONYMS

AS3MT; Polyclonal Antibody; AS3MT Antibody; Arsenite methyltransferase; Methylarsonite methyltransferase; S-adenosyl-L-methionine:arsenic(III) methyltransferase; CYT19; anti-AS3MT antibody

PRODUCT SPECIFICATIONS

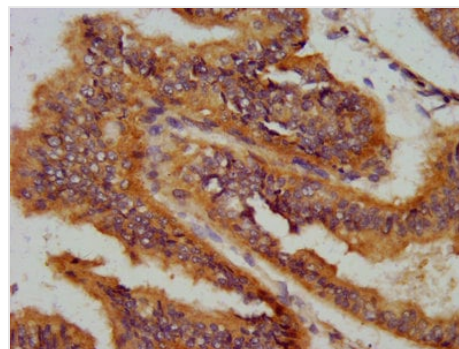
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	375
Applicable Applications for anti-AS3MT antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), ELISA
Immunogen	Recombinant Human Arsenite methyltransferase protein (262-375AA)
Conjugation	Non-conjugated
Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH 7.4
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



IF (Immunofluorescence)

Immunofluorescence staining of HepG2 cells with AAA234522 at 1:133, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4 degree C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG (H+L).



IHC (Immunohistochemistry)

IHC image of AAA234522 diluted at 1:400 and staining in paraffin-embedded human endometrial cancer performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4 degree C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.

ADDITIONAL INFORMATION

Related Product Information for anti-AS3MT antibody	Catalyzes the transfer of a methyl group from AdoMet to trivalent arsenicals producing methylated and dimethylated arsenicals. It methylates arsenite to form methylarsonate, Me-AsO(3)H(2), which is reduced by methylarsonate reductase to methylarsonite, Me-As(OH)2. Methylarsonite is also a substrate and it is converted into the much less toxic compound dimethylarsinate (cacodylate), Me(2)As(O)-OH (By similarity).
Product Categories/Family for anti-AS3MT antibody	Cell Biology; Metabolism; Signal transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	109389364
NCBI GeneID	57412
NCBI Accession #	NP_065733.2
NCBI GenBank Nucleotide #	NM_020682.3
UniProt Accession #	Q9HBK9; Q0VDK3; Q0VDK4; Q5PZ02; A6NP79
Molecular Weight	31,098 Da
NCBI Official Full Name	arsenite methyltransferase
NCBI Official Synonym Full Names	arsenite methyltransferase
NCBI Official Symbol	AS3MT
NCBI Official Synonym Symbols	CYT19
NCBI Protein Information	arsenite methyltransferase
UniProt Protein Name	Arsenite methyltransferase
UniProt Gene Name	AS3MT
UniProt Synonym Gene Names	CYT19

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/as3mt-antibody-immunofluorescence-immunohistochemistry-elisa/234522>